



Republic of the Philippines  
**CARAGA STATE UNIVERSITY**  
Ampayon, Butuan City 8600, Philippines  
Competence Service Uprightness  
**OFFICE OF THE GENERAL SERVICES**

Phone: 341-2296 loc. 246  
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November 19, 2021

**ANTHONY M. PENASO, Ph. D.**  
University President  
This University



Sir:

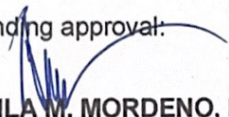
The undersigned would like to request from your office for approval of first Variation Order for the project: Establishment of Ladies Dormitory.

Hoping for your favorable approval on this request.

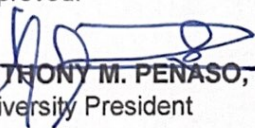
Very truly yours,

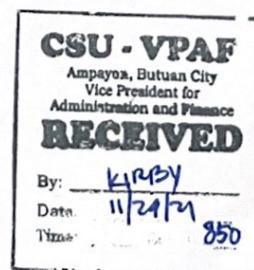
  
**ENGR. MARILOU G. UMPAD**  
Director, Office of the General Services

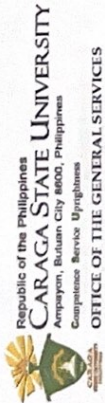
Recommending approval:

  
**ARMIE LEILA M. MORDENO, DPA, CSEE**  
Vice President for Administration and Finance/CAO

Approved:

  
**ANTHONY M. PENASO, Ph. D.**  
University President





OFFICE OF THE GENERAL SERVICES

PROPOSED VARIATION ORDER NO. 01

Project Name  
Location  
Contractor

: Establishment of Ladies Dormitory  
: CSU, Ampayon, Butuan City  
: BN Builders & Construction Supply

DESCRIPTION OF WORK TO BE DONE:

ITEM CHANGE:

- 1.) Item 404-Deformed Steel Bars increased quantity from 297,077.69 kgs to 297,809.98 kgs
- 2.) Item 405-Reinforced Concrete Class "A" increased quantity from 1,660.39 cu. m. to 1,677.23 cu. m.
- 3.) Item 804-Embankment increased quantity from 3,705.78 cu. m. to 4,891.33 cu. m.
- 4.) Item 1002-Plumbing Fixtures and Pippings decreased quantity from 448.00 sets to 274.00 sets
- 5.) New Item 1001(1)-Soil Poisoning with a quantity of 2,900 sq. m.
- 6.) New Item 1100 - Electrical Roughing-ins with a lump sum of Pp 256,749.14
- 7.) New Item SPH-10 - Gravel Bed (Boulders) with a quantity of 229.2 cu. m.
- 8.) Deleted item 1003 - Ceiling Works
- 9.) Deleted item 1100 - Lighting Fixtures, Outlets, Conduit, Boxes & Fittings
- 10.) Increased of quantity due to actual field condition
- 11.) Decreased of quantity due to actual field condition
- 12.) New Item - Extra Work

REASONS FOR CHANGE:

- 1.)
- 2.)
- 3.)

ITEMIZED QUANTITIES AND COST OF REVISION IS SHOWN IN THE ATTACHED BILL OF QUANTITIES AND COST ESTIMATE

herby agree, if this proposal is approved that we will provide all equipment, furnish all materials except as maybe otherwise be noted and perform all services necessary for work above specified and will accept as full payment thereto the prices shown on the second page of the attached sheet.

Confirmed:

ENGR. MARTIN CAYAN  
BN BUILDERS - Contractor

Prepared:

ENGR. CHRISTOPHER LAM H. PANTONIAL  
Engineer-1, GSO

Verified/Checked:

ENGR. MARCO G. UMPAD  
Project Engineer, Director-GSO

Checked:

MICHELLE J. JAPTIANA, D. Eng  
Director, Planning & Development

Recommended:

ARMIE LETIA MONTILLA-MORDENO, DPA, CSEE  
Vice President for Administration and Finance

Approved:

ANTONIO T. MANSO, Ph.D.  
President

Allotment Availability:

MA. VICTORIA M. LABISTO, CPA  
Director, FMS



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**VARIATION ORDER NO.: # 1**

Project Name : Establishment of Ladies Dormitory  
 Location : CSU, Ampayon, Butuan City  
 Contractor : BN Builders & Construction Supply

| ITEM NO.      | DESCRIPTION                                                                                                            | UNIT   | QUANTITY                       |      | VARIANCE  |          | PROPOSED VARIATION ORDER NO.01 | REASONS FOR CHANGE                                  |
|---------------|------------------------------------------------------------------------------------------------------------------------|--------|--------------------------------|------|-----------|----------|--------------------------------|-----------------------------------------------------|
|               |                                                                                                                        |        | PER-APPROVED ORIGINAL CONTRACT |      | DEDUCTIVE | ADDITIVE |                                |                                                     |
| MAIN BUILDING |                                                                                                                        |        |                                |      |           |          |                                |                                                     |
| SPL-1         | Project Billboard                                                                                                      | ls.    | 1.00                           |      |           |          | 1.00                           | As is                                               |
| SPL-2         | Construction Safety and Health                                                                                         | ls.    | 1.00                           |      |           |          | 1.00                           | As is                                               |
| SPL-3         | Rental of Steel Formworks & Scaffolding                                                                                | ls.    |                                | 1.00 |           |          | 1.00                           | As is                                               |
| SPL-4         | Permits and Licenses of Two Buildings (Includes Signed & Sealed of Electrical, Electronic, Mechanical & Plumbing plans | ls.    |                                |      |           |          |                                | As is                                               |
| SPL-8         | Fire Sprinkler System (With Jockey Motor Pump & Pressure Tank)                                                         | ls.    | 1.00                           |      |           |          | 1.00                           | As is                                               |
| SPL-9         | Fire Detection & Alarm System                                                                                          | ls.    | 1.00                           |      |           |          | 1.00                           | As is                                               |
| 404           | Deformed Steel Bars                                                                                                    | kg.s.  | 297,077.69                     |      |           | 732.29   | 297,809.98                     | Increased in quantity due to actual field condition |
| 405           | Reinforced Concrete Class "A"                                                                                          | cu.m.  | 1,660.39                       |      |           | 16.84    | 1,677.23                       | Increased in quantity due to actual field condition |
| 704           | Masonry Works                                                                                                          | sq. m. | 4,719.14                       |      |           |          | 4,719.14                       | As is                                               |
| 800           | Clearing & Grabbing                                                                                                    | sq.m.  | 2,050.00                       |      |           |          | 2,050.00                       | As is                                               |
| 803           | Structural Excavation                                                                                                  | cu.m.  | 1,556.93                       |      |           |          | 1,556.93                       | As is                                               |
| 804           | Embankment                                                                                                             | cu.m.  | 3,705.78                       |      |           | 1,185.55 | 4,891.33                       | Increased in quantity due to actual field condition |
| 1002          | Plumbing Fixtures & Pippings                                                                                           | sets   | 448.00                         |      | 174.00    |          | 274.00                         | Decreased in quantity due to actual field condition |
| 1003          | Ceiling Works                                                                                                          | sq. m. | 2,200.00                       |      |           |          | 0.00                           | Deleted due to prior items                          |
| 1008-A        | 1/4" Thk. Reflected Glass Window in Aluminum Framing (Analog Finished)                                                 | sets   | 44.00                          |      |           |          | 44.00                          | As is                                               |
| 1010          | Wooden Doors                                                                                                           | sets   | 80.00                          |      |           |          | 80.00                          | As is                                               |
| 1018          | Tiles                                                                                                                  | sq.m.  | 919.20                         |      |           |          | 919.20                         | As is                                               |
| 1100          | Lighting Fixtures, Outlets, Conduits, Boxes and Fittings                                                               | sets   | 284.00                         |      |           |          | -                              | Deleted due to prior items                          |
| 1101          | Wires & Wiring Devices                                                                                                 | l.m.   | 8,740.00                       |      | 474.37    |          | 8,265.63                       | Decreased in quantity due to prior items            |
| 1102          | Panel Boards                                                                                                           | sets   | 13.00                          |      |           |          | 13.00                          | As is                                               |
| New Item      |                                                                                                                        |        |                                |      |           |          |                                |                                                     |
| SPL-10        | Gravel Bed (Boulders)                                                                                                  | cu.m.  | 229.20                         |      |           |          | 229.20                         | New item                                            |
| 1100          | Electrical Roughing-ins                                                                                                | l.s.   | 1.00                           |      |           |          | 1.00                           | New item                                            |
| 1000(1)       | Soil Poisoning                                                                                                         | sq.m.  | 2,900.00                       |      |           |          | 2 900.00                       | New item                                            |

Prepared:

ENGR. CHRISTOPHER IAN M. PANTONIAL  
 Engineer-1 GSO

Checked/Reviewed:

ENGR. MARLO G. UMPAD  
 Project Engineer, Director- GSO

Checked:

MICHELE N. JAPTANA, D. Eng  
 Director, Planning and Development

Approved:

ANTONIO H. PENASO, Ph.D.  
 President

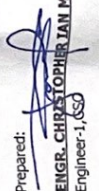
Confirmed:

ENGR. MARTIN C. AFZAN  
 BN BUILDERS - Contractor

**ITEMIZED COST OF REVISION FOR THIS VARIATION ORDER NO. 01**  
 (Proposed Variation Order No. 01)

Project Name : Establishment of Ladies' Dormitory  
 Location : CSU, Ampayon, Butuan City  
 Contractor : BN Builders & Construction Supply

| Item No.                    | DESCRIPTION                                                                                                         | UNIT  | UNIT COST (Php) | REVISED CONTRACT QUANTITY VARIATION ORDER NO. 01 |               | DEDUCTIVE |              | ADDITIVE |               | REVISED CONTRACT QUANTITY IF THIS VARIATION ORDER NO. 01 IS APPROVED |               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|-------|-----------------|--------------------------------------------------|---------------|-----------|--------------|----------|---------------|----------------------------------------------------------------------|---------------|
|                             |                                                                                                                     |       |                 | Quantity                                         | Amount (P)    | Quantity  | Amount (P)   | Quantity | Amount (P)    | Quantity                                                             | Amount (P)    |
| SPL-1                       | Project Billboard                                                                                                   | ls.   | 4,705.92        | 1.00                                             | 4,705.92      |           |              |          |               | 1.00                                                                 | 4,705.92      |
| SPL-2                       | Construction Safety and Health                                                                                      | ls.   | 300,925.15      | 1.00                                             | 300,925.15    |           |              |          |               | 1.00                                                                 | 300,925.15    |
| SPL-3                       | Rental of Steel Scaffolding & Formworks                                                                             | ls.   | 1,267,587.00    | 1.00                                             | 1,267,587.00  |           |              |          |               | 1.00                                                                 | 1,267,587.00  |
| SPL-4                       | Permits & Licenses of Two Building (Includes Signed & Sealed of Electrical, Electronic Mechanical & Plumbing Plans) | ls.   | 203,447.71      | 1.00                                             | 203,447.71    |           |              |          |               | 1.00                                                                 | 203,447.71    |
| SPL-8                       | Fire Sprinkler System (With Jockey Motor Pump & Pressure Tank)                                                      | ls.   | 3,542,271.87    | 1.00                                             | 3,542,271.87  |           |              |          |               | 1.00                                                                 | 3,542,271.87  |
| SPL-9                       | Fire Detection & Alarm System                                                                                       | ls.   | 590,378.65      | 1.00                                             | 590,378.65    |           |              |          |               | 1.00                                                                 | 590,378.65    |
| 404                         | Deformed Steel Bars                                                                                                 | kgs.  | 79.32           | 297,077.69                                       | 23,563,907.38 |           |              |          |               | 297,077.69                                                           | 23,563,907.38 |
| 405                         | Reinforced Concrete Class "A"                                                                                       | cu.m. | 7,798.77        | 1,660.39                                         | 12,949,006.57 |           |              |          |               | 1,660.39                                                             | 12,949,006.57 |
| 704                         | Masonry Works (Zocalo)                                                                                              | sq.m. | 1,242.90        | 4,719.14                                         | 5,865,437.92  |           |              |          |               | 4,719.14                                                             | 5,865,437.92  |
| 800                         | Clearing and Grabbing                                                                                               | sq.m. | 153.14          | 2,050.00                                         | 313,933.89    |           |              |          |               | 2,050.00                                                             | 313,933.89    |
| 803                         | Structural Excavation                                                                                               | cu.m. | 570.31          | 1,556.93                                         | 887,939.52    |           |              |          |               | 1,556.93                                                             | 887,939.52    |
| 804                         | Embankment                                                                                                          | cu.m. | 1,306.08        | 3,705.78                                         | 4,840,058.91  |           |              |          |               | 3,705.78                                                             | 4,840,058.91  |
| 1002                        | Plumbing Fixtures and Piping                                                                                        | sets  | 4,346.30        | 448.00                                           | 1,947,140.75  |           |              |          |               | 448.00                                                               | 1,947,140.75  |
| 1003                        | Ceiling Works                                                                                                       | sq.m. | 633.10          | 2,200.00                                         | 1,392,830.58  |           |              |          |               | 2,200.00                                                             | 1,392,830.58  |
| 1008-A                      | 1/4" THK Reflected Glass Window in aluminum framing (Analog Finished)                                               | sets  | 14,058.69       | 44.00                                            | 618,582.26    |           |              |          |               | 44.00                                                                | 618,582.26    |
| 1010                        | Wooden Doors                                                                                                        | sets  | 14,840.28       | 80.00                                            | 1,187,222.38  |           |              |          |               | 80.00                                                                | 1,187,222.38  |
| 1018                        | Tiles                                                                                                               | sq.m. | 1,259.92        | 919.20                                           | 1,158,119.92  |           |              |          |               | 919.20                                                               | 1,158,119.92  |
| 1100                        | Lighting Fixtures, Outlets, Conduit, Boxes & Piping                                                                 | sets  | 1,178.32        | 284.00                                           | 334,642.01    |           |              |          |               | 284.00                                                               | 334,642.01    |
| 1101                        | Wires & Wiring Devices                                                                                              | l.m.  | 82.07           | 8,740.00                                         | 717,324.69    | 474.37    | 38,932.94    |          |               | 8,265.63                                                             | 678,391.75    |
| 1102                        | Panel Boards                                                                                                        | sets  | 68,449.70       | 13.00                                            | 889,846.07    |           |              |          |               | 13.00                                                                | 889,846.07    |
| New Item                    |                                                                                                                     |       |                 |                                                  |               |           |              |          |               |                                                                      |               |
| SPL-10                      | Gravel Bed (Boulders)                                                                                               | cu.m. | 1,439.13        |                                                  |               |           |              |          |               | 229.20                                                               | 329,848.00    |
| 1100                        | ELECTRICAL ROUGHING-INS                                                                                             | L.S.  | 256,681.15      |                                                  |               |           |              |          |               | 1.00                                                                 | 256,681.15    |
| 1001(1)                     | Soil Poisoning                                                                                                      | sq.m. | 120.00          |                                                  |               |           |              |          |               | 2,900.00                                                             | 348,000.00    |
| Total                       |                                                                                                                     |       |                 |                                                  | 62,575,309.15 |           | 1,101,550.90 |          | 2,672,352.42  | 2,900.00                                                             | 62,725,000.00 |
| Total Net Amount for V.O. 1 |                                                                                                                     |       |                 |                                                  | 62,725,000.00 |           | -            |          | 62,575,309.15 |                                                                      | 149,690.85    |

Prepared:  **ENGR. CHRISTOPHER TAN M. PANTANIAL**  
 Engineer-1, GSO

Checked/Reviewed:  **ENGR. MARLON UMPAD**  
 Project Engineer, Director - GSO

Approved:  **HONORABLE MAYOR**  
 Mayor